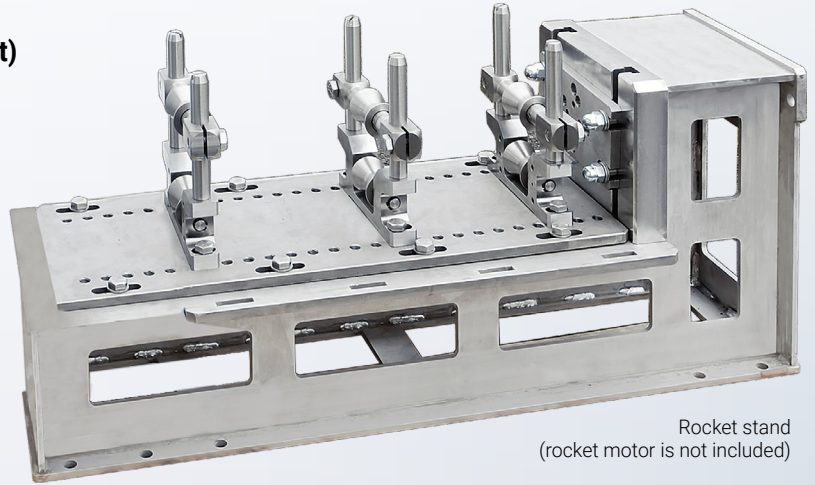


RMM

UNIVERSAL CUSTOMIZED SYSTEM FOR ROCKET MOTORS TESTING

The RMM™ (Rocket Motor Ballistic Measurement) is a system designed for the measurement of thrust and pressure profiles of different types of rocket motors mounted on a test stand.

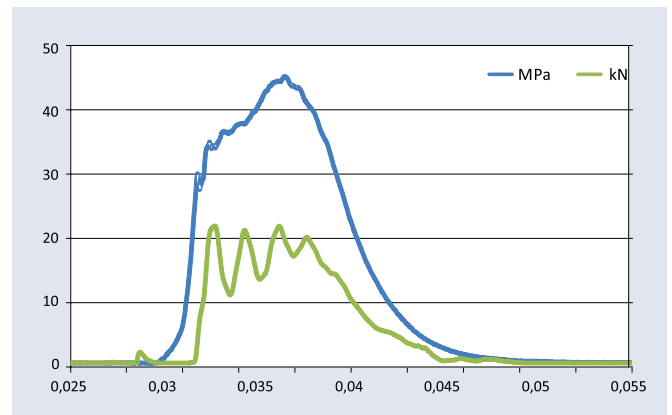
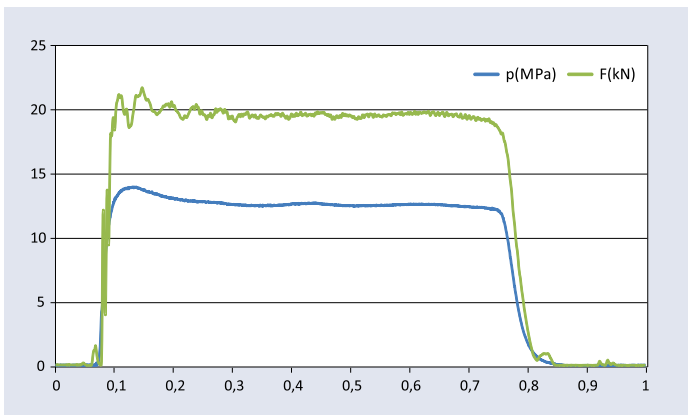
The RMM is an ideal solution for the research and development of different types of customized and user-specific rocket motors, cartridge-actuated devices and propellant-actuated devices, for their quality control in manufacture and in-service surveillance.



Rocket stand
(rocket motor is not included)

APPLICATIONS

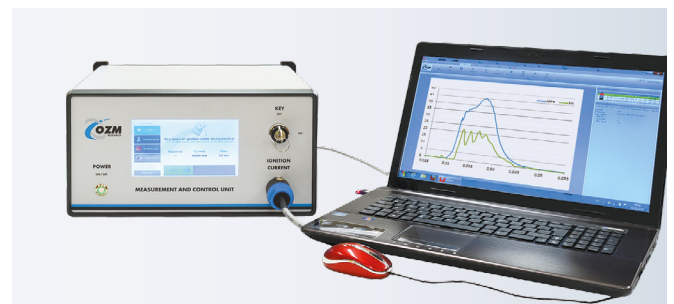
Rocket Motor Ballistic Measurement (RMM) is used for the measuring of pressure inside rocket motor chamber and thrust (force) of rocket motor with time during burning different types of solid propellant in rocket motors mounted on stand.



Examples of measured pressure and thrust profiles of two different rocket motors on a stand

ADVANTAGES & FEATURES

- ▶ Dynamic measurement of pressure and thrust by strain-gauge transducers with long record times, combined with precisely defined electrical ignition
- ▶ Optional temperature, light or dynamic piezoelectric measurement available
- ▶ Sophisticated data acquisition and evaluation software with simple operation
- ▶ OZM Research provides necessary tailoring for fitting the customer's motors and applications to the RMM setup
- ▶ Rocket motor IS NOT INCLUDED



Measurement and control unit with PC



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